

Prism-desktop - 1.6.0

Technical documentation

About

Prism is a piece of software that allows users to analyse, compare and review annual financial reports prepared in the electronic format as specified by the European Union and the United Kingdom.

Key features

- Creation of an Excel file that includes several sheets each rendering or analysing the electronic information within the report.
- Technical validation of analysed reports through a certified compliant validation engine.
- Creation of an HTML “viewer” file allowing an interactive inspection of the report contents and markup.
- Creation of a “block viewer” file that renders all narrative information inside the report and allows the assessment of its readability.
- Comparison of versions of reports, highlighting any additions, deletions or changes in the mark-up of versions of a report.

Technical prerequisites

User workstation

Operating system : Windows 10 version 1809 or later, Windows 11

Available disk memory : 5 Go

Minimum available RAM : 1.3 Go

Recommended available RAM : 2.5 Go

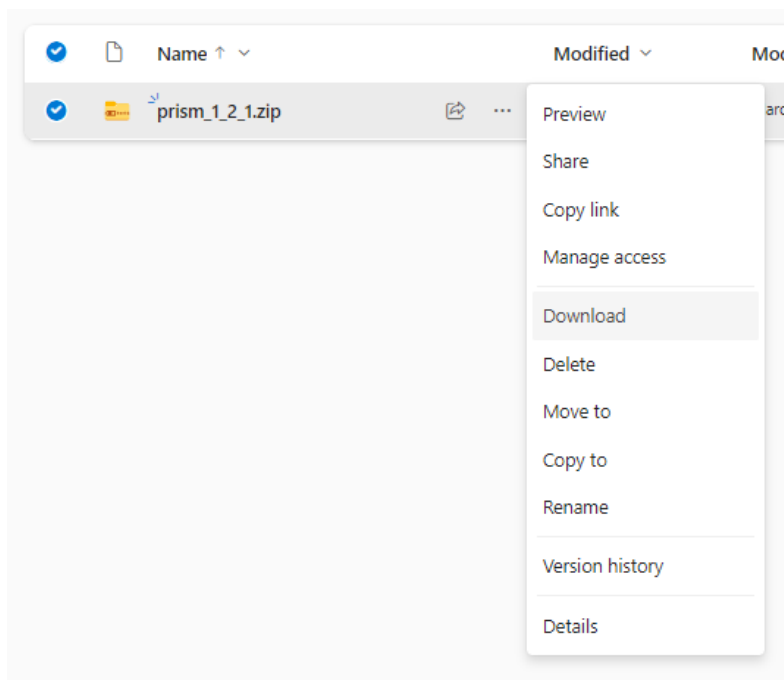
Prerequisite software : (None)

Minimum screen resolution : 1280 × 800

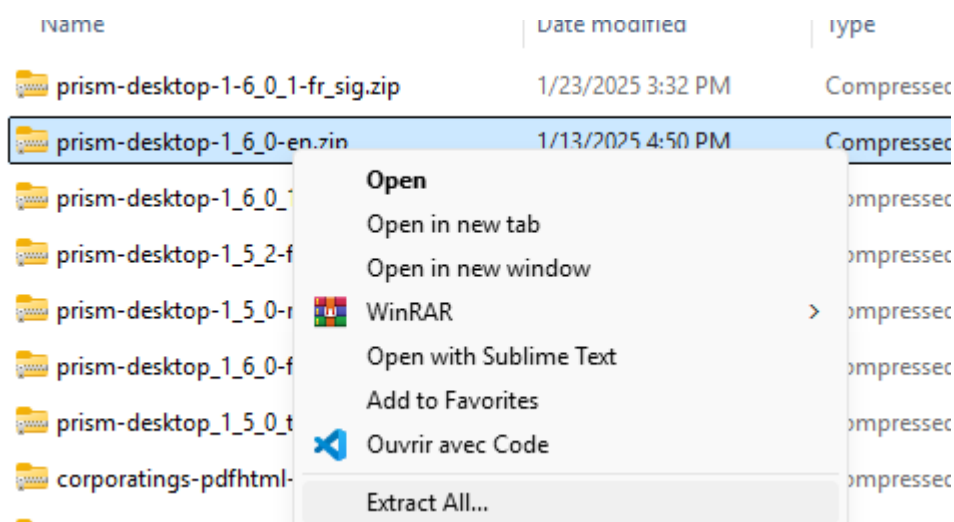
Internet connectivity : No Internet connectivity is required for the operation of the application

Installation

Click the link that was provided to you. In the window that opens, click the “...” on the **prism_1_6_0.zip** line (or the closest one), then click “Download” to start downloading the file.



Extract all contents of the downloaded archive in a folder you choose.



The application can then be launched directly by executing the **PrismDesktop.exe** file.

Name	Date modified	Type	Size
Arele	1/13/2025 4:31 PM	File folder	
chrome	7/1/2024 8:50 AM	File folder	
Resources	1/23/2025 2:52 PM	File folder	
selenium-manager	7/1/2024 8:50 AM	File folder	
applogo.ico	5/29/2024 12:10 PM	ICO File	9 KB
appsettings.Development.json	5/29/2024 11:53 AM	Fichier source JSON	1 KB
appsettings.json	1/29/2025 11:31 PM	Fichier source JSON	1 KB
aspnetcorev2_inprocess.dll	10/22/2024 1:47 AM	Application extens...	359 KB
config-example.yml	10/31/2024 1:13 PM	Fichier source Yaml	1 KB
D3DCompiler_47_cor3.dll	2/21/2024 1:59 PM	Application extens...	4,802 KB
ixbrlviewer.js	10/16/2024 4:36 PM	Fichier source Jav...	842 KB
key.txt	1/29/2025 11:32 PM	Text Document	1 KB
Penlmc_cor3.dll	10/22/2024 12:48 AM	Application extens...	155 KB
PresentationNative_cor3.dll	7/16/2024 8:38 AM	Application extens...	1,209 KB
Prism_1_6_0.exe	1/22/2025 11:46 AM	Application	136 KB
Prism_1_6_0.pdb	1/22/2025 11:46 AM	Program Debug D...	280 KB
Prism_1_6_0.runtimeconfig.json	1/22/2025 10:45 AM	Fichier source JSON	1 KB
PrismDesktop.exe	1/23/2025 2:42 PM	Application	205,912 KB
PrismDesktop.pdb	1/22/2025 4:51 PM	Program Debug D...	35 KB
sni.dll	7/12/2017 1:24 PM	Application extens...	157 KB
vcruntime140_cor3.dll	8/9/2024 4:40 AM	Application extens...	118 KB
web.config	6/14/2024 11:39 AM	Fichier source Co...	1 KB
wpfgfx_cor3.dll	10/22/2024 12:48 AM	Application extens...	1,919 KB

Configuration

The application allows the user to select files in the ESEF format for analysis and created several analysis files. The application then opens save windows that allow the user to choose the name and location of the analysis files.

By default, the application will open the save window in the same location as the one where the file was selected.

It is possible to instead choose a default folder where the save window will open. To do so, create in the folder where the application is located a **config.yml** file, and create an **exportPath** file with the desired path, as shown under.

```
1 exportPath: C:\Users\houll\Downloads
```

Use

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Quality analysis of ESEF Taxonomy packages
v1.2.1

Select a file for analysis ...	(No file selected)
(Optional) Select a file for comparison ...	(No file selected)

 **Start the analysis**

To use the Workiva viewers, the 'ixbrviewer.js' file must be placed in the same folder as the viewer file. You may use the same 'ixbrviewer.js' file for all viewers in the folder. The file can be downloaded by clicking [here](#)

☐ Benchmark with financial sector only

To start the analysis of a file in the ESEF format, click the « **Select a file for analysis ...** » button and select the file. The file must be a “Taxonomy package” or “Report package” to be accepted by the application.

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Select a file for analysis ...	C:\Users\houll\Downloads\FC856436959_20220318.zip
(Optional) Select a file for comparison ...	(No file selected)

 **Start the analysis**

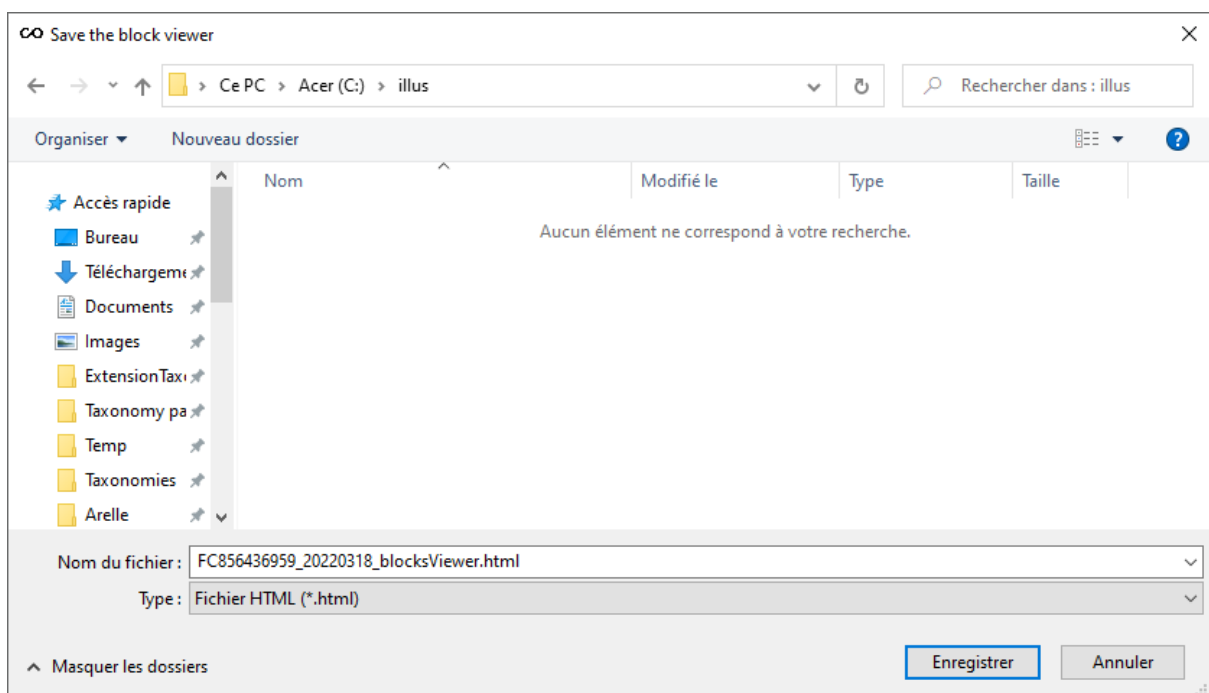
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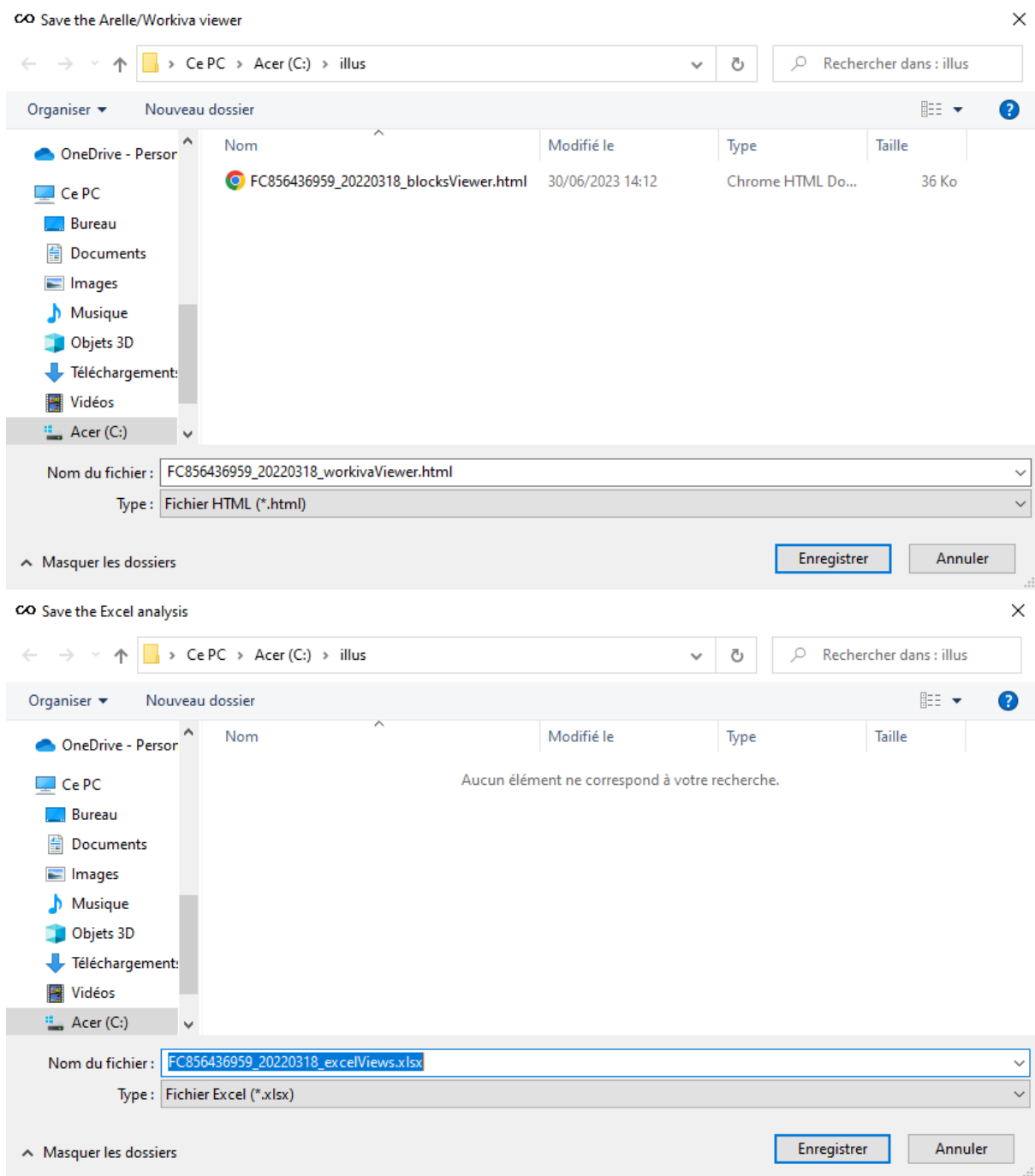
☐ Benchmark with financial sector only

- If the analysed report is one of a bank or insurance company, tick the « **Benchmark with financial sector only** » box. This will create a more appropriate Benchmark sheet in the Excel file.
- If you want to compare the data within the report to another report, you may use « **Select a file for comparison** » to select this report.

The analysis start when you click the « **Start the analysis** » button after selecting at least the first report.

The application will then create in succession three files, and open a save window for each of them. **While the application is running (takes a total of one to three minutes), we strongly recommend keeping the application in the foreground. If the application is put in the background, you may miss the save prompt.**



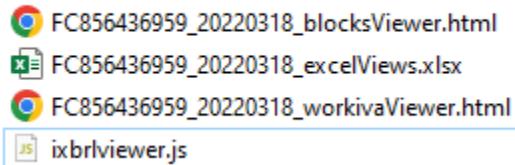


You may then open and use the extracted files.

- The `_blocksViewer.html` file contains the rendered narrative information.
 - The data is the left column use the rendering option (« escape » attribute) chosen in the report.
 - The data in the right column is either :
 - If a single report was chosen, the rendering using the other escape attribute value;
 - If a comparison report was chosen, the rendering of the corresponding information in that report
- The `_workivaViewer.html` allows an interactive inspection of the contents of the report

- In order for the right panel to appear, the **ixbrlviewer.js** file must be present in the same folder as the **_workivaViewer.html** file.

Nom



This file can be retrieved by clicking the following link on the interface of the application.

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Quality analysis of ESEF Taxonomy packages

v1.2.1

Select a file for analysis ...	(No file selected)
(Optional) Select a file for comparison ...	(No file selected)

Start the analysis

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☐ Benchmark with financial sector only

- The **_excelViews.xlsx** file presents diverse information, analysis and validation of the marked up information in the electronic report.

Third party tools

The application uses the following open source tool :

- **Arelele** version 2.36.4 : XBRL report technical validation and generation of the viewer file, Apache 2.0 license (<https://arelle.readthedocs.io/en/latest/license.html>)